

N° 14,834



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(Under International Convention.)

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COMPLETE SPECIFICATION.

Improvements in Grease Cups.

I, JAMES BASCOM HALL, Travelling Salesman, of Colonial Hotel, Cleveland, State of Ohio, United States of America, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

5 This invention relates to grease cups for containing a supply of hard or solid lubricant, and to that class of grease cup or lubricator provided with a feeder consisting of a stem furnished at one of its ends with radial arms, the stem passing freely through the channel leading from the grease cup to the bearing to be lubricated and being supported upon said bearing, while the arms of said 10 stem extend upwardly and adjacent to the wall of the cup.

According to the present invention the grease cup is provided with a feeder consisting of a plurality of wires secured together for a portion of their lengths to form a supporting stem and having their untwisted portions free and extending divergently from the upper end of the stem to conform to the outline of the 15 grease cup and support the lubricant.

A grease cup embodying the present invention is illustrated in the accompanying drawing in which:

Figure 1 is a vertical section of a grease cup in position upon a bearing having my invention applied thereto;

20 Figure 2 is a horizontal section taken on the line 2—2 of Figure 1; and

Figure 3 is a similar view taken on the line 3—3 of Figure 1.

In the drawings, 1 designates a shaft or other rotating member journaled in a bearing 2 in which is secured a grease cup 3, preferably of the tapered or conical form shown, an opening 4 being provided in the bearing in alinement 25 with the discharge passage of the cup to permit the lubricant to pass from the cup to the shaft. These parts may be of any well known construction.

My invention is an improved feeder consisting of a stem 5 adapted to pass through the discharge nipple of the cap and rest on the shaft and a plurality of antennae 6 extending divergently from the upper end of the stem.

30 In carrying out my invention, I construct the stem of a plurality of fine copper or other heat conducting wires or metals twisted or otherwise secured together for a portion of their lengths, as clearly shown in Fig. 1, the untwisted portions of the wires being left free to diverge or radiate from the stem

[Price 8d.]



[This Drawing is a reproduction of the Original on a reduced scale.]

Fig. 1.

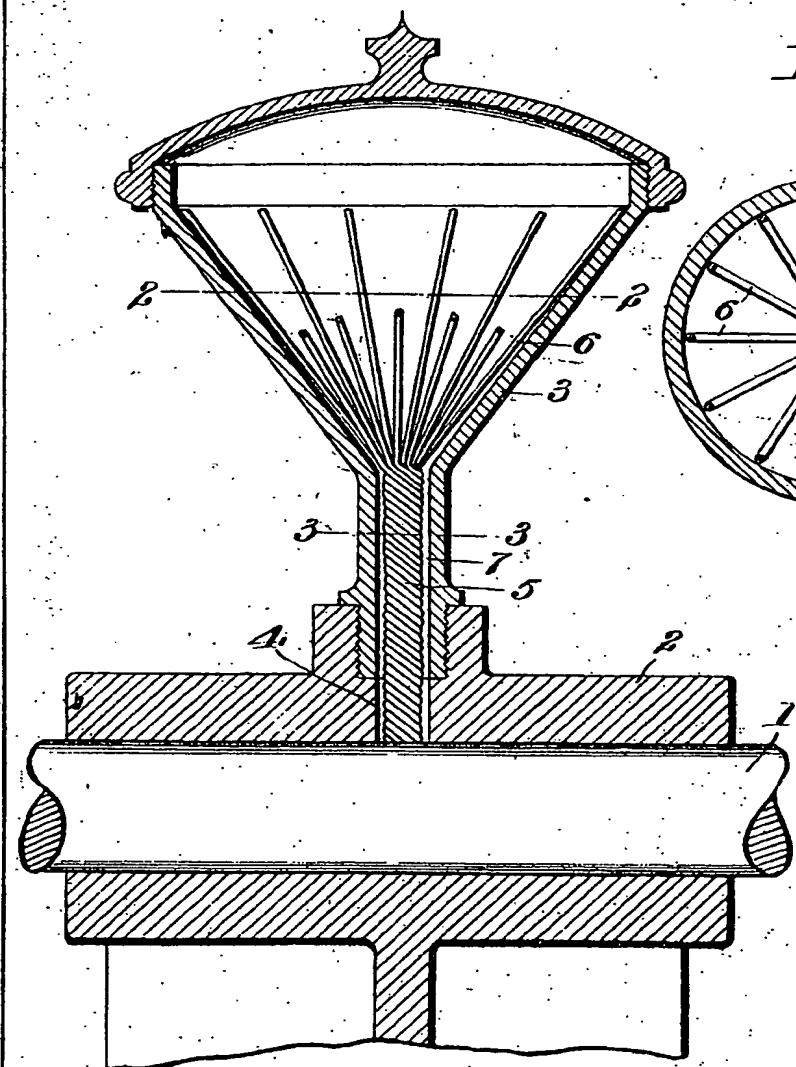


Fig. 2.

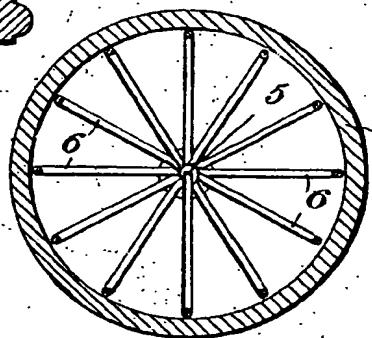


Fig. 3.

